Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Tuesday 29 Aug 2023 until 23:59 on Wednesday 30 Aug 2023

Forecast Issued on Tuesday 29 Aug 2023 at 03:29

Confidence: High confidence at first, lowering significantly from Thursday with the arrival of a weather system from the Atlantic.

Headline for Tuesday 29 Aug 2023: Cloudy, damp start with some patchy light rain and drizzle, clearing to a bright afternoon, with chance of a shower.

Mountain weather hazards on Tuesday 29 Aug 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Medium Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Drizzle	Light rain	Light rain showers	Sunny intervals	Sunny intervals	Partly cloudy (night)
Precipitation probability					
40%	40%	30%	30%	20%	10%

Forecast for Tuesday 29 Aug 2023

Weather: Cloudy and drizzly during the morning, with possible moderate bursts. Turning showery by early afternoon with some brightness developing. One or two showers may follow into the evening period.

Chance of cloud-free hill tops above 600m: 20 to 50% becoming 90%

Low Cloud and visibility: Broken bases around 600m at first, lifting from mid-morning to clear the tops of the hills by mid-morning. Poor or very poor on the hills at first, with cloud covering highest slopes, but gradually improving, with excellent visibility and views of distant summits during the afternoon. Cloud is likely to reform on higher slopes after dark, with visibility deteriorating.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Tuesday 29 Aug 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	14/20 W	12/16 W	15/21 W	18/26 W	15/21 W	11/19 W	13/20 W
300	9/21 W	10/18 W	12/22 W	14/25 W	10/20 W	8/20 W	7/19 W
Valley	4/14 W	6/12 W	8/16 W	12/22 W	8/18 W	3/10 SW	4/14 W

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/8	10/8	11/8	12/8	10/7	9/6	8/5
300	12/11	14/12	15/12	15/12	13/11	10/9	10/9
Valley	13/12	14/14	16/14	16/14	14/13	11/11	12/11
Freezing Level*	2500m	2100m	2000m	1800m	1900m	1900m	1900m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Poor visibility during the morning means good navigational skills will be required. Despite cloud cover during the morning, sun protection is likely to be required later in the day.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Tue 29 Aug 2023	0.4mm	1mm	3mm

Forecast for Wednesday 30 Aug 2023

Weather: Low cloud and a few showers developing during the morning, mainly affecting more southern and western ranges, before cloud lifts and breaks to allow sunny spells during the afternoon. Showers probably continuing with some heavy giving risk of lightning, especially across eastern areas. Turning drier from mid-afternoon onwards, with a mostly fine evening to follow

Maximum wind: Westerly 15-18 mph gusting 25 mph

Chance of cloud-free hill tops above 600m: 40% becoming 90%

Low Cloud and visibility: Patchy low cloud base around 500m at first, quickly lifting above the hills by late morning. Poor visibility in low cloud covering hills at first, improving to very good as the cloud lifts and only briefly deteriorating in showers.

Temperature: **Valleys:** Plus 6 degrees Celsius becoming plus 18 degrees Celsius
At 600m: Plus 8 degrees Celsius becoming plus 12 degrees Celsius
Freezing level: Well above the summits

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